

wo200100847/pn

L3 ANSWER 1 OF 1 WPINDEX COPYRIGHT 2003 THOMSON DERWENT on STN
ACCESSION NUMBER: 2001-113365 [13] WPINDEX
DOC. NO. CPI: C2001-033871
TITLE: New Corynebacterium glutamicum dihydroorotate
dehydrogenase polypeptide and corresponding DNA useful
for creating pyrimidine-producing organisms.
DERWENT CLASS: B02 B03 B04 D16
INVENTOR(S): HERBSTER, K; MACK, M
PATENT ASSIGNEE(S): (BADI) BASF-LYNX BIOSCIENCE AG; (AXAR-N) AXARON
BIOSCIENCE AG
COUNTRY COUNT: 95
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
DE 19929364	A1	20001228	(200113)*		6	C07K014-34	
WO 2001000847	A1	20010104	(200113)	GE		C12N015-53	<--
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW							
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW							
AU 2000056854	A	20010131	(200124)			C12N015-53	
EP 1196602	A1	20020417	(200233)	GE		C12N015-53	
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI							
KR 2002026470	A	20020410	(200267)			C07K014-34	
CN 1358229	A	20020710	(200278)			C12N015-53	
ZA 2002000581	A	20030326	(200327)		24	C12N000-00	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 19929364	A1	DE 1999-19929364	19990625
WO 2001000847	A1	WO 2000-EP5850	20000623
AU 2000056854	A	AU 2000-56854	20000623
EP 1196602	A1	EP 2000-942126	20000623
		WO 2000-EP5850	20000623
KR 2002026470	A	KR 2001-716566	20011224
CN 1358229	A	CN 2000-809504	20000623
ZA 2002000581	A	ZA 2002-581	20020123

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2000056854	A Based on	WO 2001000847
EP 1196602	A1 Based on	WO 2001000847

PRIORITY APPLN. INFO: DE 1999-19929364 19990625

INT. PATENT CLASSIF.:

MAIN: C07K014-34; C12N000-00; C12N015-53
SECONDARY: C12N001-21; C12N009-02; C12P017-12; C12P019-38

BASIC ABSTRACT:

DE 19929364 A UPAB: 20010307

NOVELTY - A *Corynebacterium glutamicum* dihydroorotate dehydrogenase polypeptide (I) is new. (I) comprises a 322 residue amino acid sequence, fully defined in the specification, or its variant having deletions, insertions or substitutions.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) a polynucleotide encoding (I);
- (2) a vector comprising at least one copy of the polynucleotide of (1) and at least one regulatory sequence;
- (3) a host organism transformed with a gene corresponding to the vector of (2); and
- (4) a process for producing pyrimidines and pyrimidine derivatives, comprising culturing the organism of (3).

USE - Host organisms transformed with a gene encoding (I) are useful for producing pyrimidines and pyrimidine derivatives (claimed).

Dwg.0/0

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB; DCN

MANUAL CODES: CPI: B04-E03E; B04-E08; B04-F0100E; B04-F1100E; B04-L03D;
B04-N03A; B06-D09; B07-D12; D05-C03B; D05-C06;
D05-C12; D05-H12A; D05-H12E; D05-H14; D05-H17A3